

Secretary of State Helps Fund Faculté Saint-Jean Library Project

Faculté Saint-Jean Library has been awarded a sum of \$34,338.18 from the Department of the Secretary of State under its program "Special Projects, 1985-86, Canada-Alberta Agreement on the Official Languages in Education." The fund is a cost-shared contribution of 50 percent towards the enhancement of the technical services program at the FSJ Library which involves the cataloguing of the special collection of approximately 9,000 volumes. The other 50 percent of the project cost is being funded by the University Library.

Three additional staff have been hired under this project for a two-month period: Jacqueline Girouard, librarian; Michèle Archambault, library assistant; and Eric Girard, clerk. The fund will also help to purchase much needed cataloguing tools and supplies and will permit the entry of the cataloguing data in the FSJ bibliographic file on the UTLAS data base. It is hoped that the 1986-87 costs of the project will be approved by the Secretary of State so that the project may continue without interruption after 30 June 1987 for another 10-month period. □



Swing 'n' Sway

Folk dancing in the Quad was but one of the "action items" on the Physical Activity Week agenda put together by Staff Fitness and Lifestyle personnel.

University of Alberta

FOLIO

University of Alberta

5 June 1986

Planning Document Undergoes Second Public Examination

The second of a series of public meetings on "The Next Decade and Beyond: A Plan for the Future" was held on 28 May in the Humanities Centre. The meetings—the first of which took place in Calgary on 20 May—are intended to generate debate. The document, as President Horowitz points out, is a discussion of how this University might best adapt to changing needs in the next several years. Recommendations *not* cut and dried courses of action are currently before the University and the wider community.

The local meeting attracted a relatively small number of people but those who, in the words of chairman Peter Savaryn, "took time out for education," came with questions and comments. (Joining

the Chancellor "up front" were Dr. Horowitz and Vice-President (Academic) Peter Meekison.)

In his opening remarks, Dr. Horowitz reminded the audience that planning and the University are not exactly strangers. Such introspective exercises as the on-going reviews of academic and service units and the Senate Commission on University Purpose were mentioned by the President. Fifty-seven people worked on the planning document for more than two years, he said.

"We are very sincere in the model we have adopted. We have also made a strong commitment to listen attentively to people both inside and outside the University," Dr. Horowitz said.

Dr. Meekison, who is coordinating the strategic planning activity, said he could not emphasize too strongly that "this is not a one-time exercise." Once the views of Albertans have been gathered and considered, another document or series of documents will be prepared and debated in a more formal fashion, the Vice-President said.

Graduate studies was what interested most of the audience. To attract the most accomplished graduate students a university needs: 1) the finest faculty members, 2) the ability to offer financial assistance to students, 3) a quality communications system and 4) a favorable location and facilities. Stephen Arnold, the Associate Dean of Graduate Studies and Research who listed these factors, said it is difficult to explain the quality of a university education to those who haven't had the experience, but that such an explanation has to be given.

Dr. Arnold suggested that "to do some things very well, we have to do fewer things." He went on to say that part-time studies in the Faculty are under consideration and that the decision to offer same would rest with individual departments. He stressed that if a department

offers a degree on a part-time basis, a higher quality program has to be built-in.

Dr. Arnold noted that 28 percent of the graduate students at this University are enrolled part-time; the national figure is 43 percent.

Vice-President Meekison remarked that at no time would the University sacrifice quality for quantity.

The query "Does the University plan a moratorium on new program proposals?" drew strong comment from Drs. Meekison and Horowitz. The Vice-President said the University must continue to offer and develop new degree programs and courses to keep up with the explosion of knowledge. He reinforced his statement by saying that thought is being given a BA program in women's studies. In Dr. Horowitz's view, "an institution like ours can never mark time. We might do well to question some of our present programs, but we must not stop working to offer new programs."

On the difficulty of planning for the future while tied to an annual

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budget, the President said a proposal that calls for budget decisions to be made for five years at a time must be put forward.

Vice-President Meekison explained that such topics as facilities, services and library expansion, while not covered in the document, could be considered if popular opinion favored their inclusion.

Other public meetings are scheduled for Grande Prairie (10 June), Vermilion (12 June), Fort McMurray (16 June), Red Deer (19 June), Lethbridge (20 June) and Medicine Hat (24 June).

Copies of "The Next Decade and Beyond: A Plan for the Future" are available from the Office of Public Affairs, 423 Athabasca Hall, telephone 432-2325. □

Missing in Action

Our apologies to the Faculty of Pharmacy and Pharmaceutical Sciences. The Convocation Calendar in last week's *Folio* should have noted that the class of 1986 will convocate on 6 June. □

Walking in the Sunshine

If a walker is a person in possession of his/her soul, Lily Tokaruk has hers in a vice-like grip. The 74-year-old mother, grandmother, student and athlete, accustomed to the turns, backstretch and finishing straight of the Pavilion track, took perhaps the most meaningful walk of her life this past Monday. Displaying her best form, she strode across the Jubilee Auditorium to accept her BA degree from Chancellor Peter Savaryn.

In terms of being a doer, Mrs. Tokaruk lined up in the fast lane early. Age is an advantage not a handicap to her. "I look at people my age and they feel they've done everything and that there's nothing left to do. To me, it's pretty boring to do nothing." She gets her strength of conviction from young people, not her peers. "Young people tell me that they admire what I'm doing and they give me confidence to continue what I'm doing."

She began her University studies in 1980 when she moved from Saskatchewan to Edmonton and

enrolled in the Spring Session for Seniors. However, she found that her thirst for knowledge and activity was only whetted by the experience and decided to enroll full-time. "I didn't know what to take at first, but I speak Ukrainian as well as English so I thought foreign languages would be fun."

When she closes her books for the day, she laces up her walking shoes. "I've always enjoyed walking, it helps me to think things through," she says matter-of-factly. When she arrived on campus, she decided to join the "50 and Getting Better" fitness class. She attends the sessions twice a week and on the off-days she power walks. If she's not in class or the Library (she's on campus every day), she can usually be found in the Van Vliet Centre participating in her fitness class or power walking her way around the Pavilion track. She doesn't confine her walking to the Pavilion however. During the last transit strike she was so intent on attending her classes that she walked to campus from her home



Lily Tokaruk combines study and sport to best advantage.

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at 149 Street and Stony Plain Road. "I think it's so important for people to be active and I find if I do something physically challenging then I'm more alert mentally." Off campus, she is the Senior Zone representative for the Alberta Senior Games.

Next year? She is coming back to University but hasn't decided what to study because there's so much that interests her, including music, drama and sociology. However, Mrs. Tokaruk doesn't plan on studying for an advanced degree because "it's too confining to study in just one area."

A native of Saskatchewan, Mrs. Tokaruk taught in a rural school for

35 years before retiring to Saskatoon with her husband. Following his death, she decided it was time for a change and although she'd lived in Saskatchewan all her life, she "wanted to see what Alberta was like." Six years and a degree later, the province has endeared itself to her.

If you're taking a stroll on campus and happen to feel a slight breeze from a person who is power walking past you, it's probably Lily Tokaruk on her way to class, exercise or practice. Double take, are okay because she is living proof that one can do almost anything at any age providing one really wants to. □

Demers Appointed Research Coordinator, Office of Vice-President (Research)

Patricia Demers, Associate Professor of English, has been appointed as Research Coordinator in the Office of the Vice-President (Research), J. Lin Kaplan, for the period 1 July 1986 to 30 June 1987. Dr. Demers' functions vis-a-vis the humanities and social sciences will be similar to those of H.B. Dunford, who was appointed to a similar post for the sciences and engineering.

Working directly with Baha Abu-Laban, Associate Vice-President (Research), she will be involved in the development of research-related initiatives in the humanities and social sciences and the organization of the "Canada, the World and the Future" conference for 1987. She will also represent the Office of the Vice-President (Research) on selected committees.

Dr. Demers joined the Department of English as an Assistant Professor in 1977; she has taught a variety of freshman, senior and graduate courses. Her special interests are Renaissance literature and children's literature, and her publications include articles on Francis Bacon, George Chapman, Richard Crashaw, Walter Crane, music, Catechetics and the Bible in children's literature, as well as two anthologies of children's literature from Oxford University Press, *From Instruction to Delight* (co-edited with R.G. Moyles) and *A Garland from the Golden Age*.

She has helped in the organizing of the Pacific Northwest Renaissance Conference (March 1983), the Children's Literature Association Conference (May 1983),

and The Creating Word: An International Conference on the Learning and Teaching of English in the 1980s (October 1983), from which selected papers have recently been co-published by Macmillan (London) and the University of Alberta Press.

In the coming year, she will be chairing the Graduate Committee of the Department of English and the University of Alberta Press Committee, and continuing as the Managing Editor of *English Studies in Canada*, the quarterly journal of the Association of Canadian University Teachers of English, which has been housed in the Department of English and under the Editorship of R.D. McMaster since January 1985. □

Summer Youth University '86

There are still some spaces left for young people entering grades 8 to 12 (September 1986) in Summer Youth University. This "challenging, exciting taste of university life" will be held 7 to 16 July and repeated between 21 and 30 July.

SYU consists of academics, recreation and tours of campus. The hours are 9 a.m. to 5:15 p.m.

More than 200 applications have already been accepted. The closing date for registration is 7 June however, Maryanne Budnitsky, Program Director, says registrations will be accepted up until the starting dates if space is available.

Information and registration forms are available from the Faculty of Extension, telephone 432-5597.

In August, the Faculty, with the assistance of Edmonton Telephones, will offer Computer Teen Camp. One thing it will do is introduce students from grades 8 to 11 to the laser disc, the "new edge of video screen technology."

The camp, to be held at the Computer Learner Centre, 10044 Capital Boulevard (108 Street), offers three microcomputer courses: "Introduction to Micros and the Laser Video Disc" (5 to 8 August), "Introduction to Programming and Laser Disc Technology" (11 to 15 August) and "Laser Disc Production Workshop" (18 to 25 August).

Students can register in the course of their choice, or in all three. Admission to Parts II and III is dependent upon evidence of basic computer skills.

In each course, hands-on experience in the lab is guaranteed. There will also be films, lectures and a tour of a mainframe computer centre in a downtown corporation.

Fees for each course range from \$80 to \$115. Additional details are available from the Faculty of Extension, 432-5318. □

Canada's Post-Secondary Educational System Surveyed

Secretary of State Benoît Bouchard recently announced the publication of a study of Canada's post-secondary educational system along with the preliminary results of two major, nation-wide surveys carried out by Statistics Canada at his department's request. Following are excerpts from the study and the surveys.

The 1983-84 National Survey of Post-Secondary Students

Background

In 1984, there were more than 70 degree granting universities ranging in size from enrolments of less than 1,000 to the University of Toronto with more than 35,000 students. There were more than 150 community colleges, many with multiple campuses.

In 1983-84, there were 450,000 full-time university enrolments and about 375,000 part-time enrolments. Full-time community college enrolments added an additional 314,000 to the post-secondary population. Approximately 35,000 full-time students were taught in the universities and 14,000 in the community colleges. Ninety thousand bachelor's and first professional degrees and more than 15,000 graduate degrees were

granted in 1983.

Starting in 1919, Statistics Canada has collected basic data on post-secondary enrolment and the number of degrees granted. Since the Second World War, it has at intervals conducted national surveys of university students' expenditures and incomes (1956, 1961, 1968, 1974). Research on post-secondary education has also been conducted by other federal government departments such as the Department of the Secretary of State, by provincial departments and agencies, by interest groups and by scholars, particularly in faculties of social sciences and education. Nevertheless, it is widely agreed that relevant data and analyses still remain scarce, especially considering the importance of education to Canada's future. The need for replicate studies has often been identified as critical.

Design of the Survey

It is in direct response to this need that in 1984, the Department of the Secretary of State sponsored a new national survey of post-secondary students. It was designed to address a specific set of issues: the social profile of students, especially their socio-economic background; part-time and full-time study and employment; students' income and expenditures; the availability of,

and interest in, official language instruction as well as instruction on Canada; and interprovincial mobility.

The survey population consisted of all students registered in a regular credit course at a Canadian post-secondary institution during the fall-term of the 1983-84 school year. From this population a sample was drawn to be representative of provinces, types of institution (university or college), levels of study (first professional, undergraduate, master's, doctorate, and in the colleges, transfer and career) and registration statuses (part- and full-time).

The required sample size was determined for each of the above strata and within each stratum proportions representative of sex and major field of study were identified. Students were then randomly selected. The sample size was 63,948. Questionnaires were mailed to students in the spring of 1984. Those who did not respond were contacted by telephone. The over-all response rate was 85 percent.

Full-Time Students

Both college and university students regarded the type of program offered as an important reason for their choice of institution. University students were somewhat more likely than

college students to consider the academic reputation of the institution as very important. Higher proportions of college students than of university students selected job-related reasons as opposed to academic reasons for their choice of field of study.

A higher proportion of university students than college career students had fathers with a university degree (29 percent to 10 percent). Mothers were likely to have less formal education than

fathers but again a higher percentage of university students than of college career students had mothers with a university degree: 15 percent of university undergraduate students had mothers with a university degree compared to 4 percent of college career students.

Some fields of study, such as engineering and applied sciences, tend to be selected mostly by males. Women studying in such non-traditional fields tend to have more highly educated fathers than other students, either males in the same field or females in more traditional areas.

More than half the students reported having borrowed money to finance their education. Among students whose combined parental income was less than \$22,000, the percentage who had applied for a government sponsored loan was 70 percent.

Most who did not borrow gave as the reason for not borrowing that they had enough from their own resources (79 percent). However, 18 percent of non-borrowers whose parents' combined income was less than \$22,000 gave as the reason for not borrowing that they did not want to get into debt.

Most post-secondary students were interested in courses about Canada. Two-thirds of the women and 60 percent of the men stated that they were very or somewhat interested in taking courses to learn about the history, cultures, physical environment and other aspects of Canada and its regions. Twenty percent of both male and female students were registered in such courses.

Part-Time Students

Most part-time students gave as the most important reason for studying part-time the need to keep their current job while studying. They tended to be older than full-time students: 57 percent were over 30 years old.

The majority of part-time undergraduates reported having had some post-secondary experience before registering as part-time students. Some already had a university degree (27 percent) while others had other post-secondary experience (45 percent); a minority (28 percent) had no previous post-secondary education experience.

Part-time students were found to have a less advantaged family background than full-time students: for example, a higher proportion of full-time students had fathers with a university degree (29 percent) than part-time students (12 percent).

Language of Instruction and Preferred Language of Instruction

Outside Québec, 40 to 50 percent of Francophone students, both full and part-time, were instructed entirely in English. Of those students, about half preferred that situation; 40 percent would have liked a combination of English and French and 10 percent would have preferred to be educated entirely in French. There was very little difference between the sexes.

In Québec among full-time Anglophone students who were instructed entirely in English (81 percent of males, 71 percent of females), 27 percent of the men and 39 percent of the women would have preferred a bilingual education. For their part, the great majority of Francophones in Québec were educated in their mother tongue; among those students, about one-third of the full-time and one-fifth of the part-time students reported that they would have preferred being educated in both languages.

Reasons for Enrolment

The vast majority of university and college graduates indicated that employment-related reasons had influenced their educational choice: 89 percent of university graduates and 95 percent of college graduates reported that improving their career prospects was an "important" or "very important" reason for selecting their program.

Gaining specialized occupational knowledge and skills was "important" or "very important" to 83 percent of university graduates and 94 percent of college graduates. Academic satisfaction was rated important or very important by 88 percent of college graduates, by 89 percent of all university graduates taken together, and by 94 percent of those at the doctoral level. □

Continued next week

Jasper-Banff Relay King of the Road

"Flight Plan." Take off from Jasper at noon on 14 June. Travel light. Make the "something from the bar" water, or some energy-inducing concoction. Destination: Banff. ETA: Early hours of 15 June. Weather: Take your chances.

A total of 128 "flyers" will line up for the first stage of the Jasper-Banff Relay, an amalgam of endurance, speed, pace, savvy and, above all, teamwork, that holds a rather lofty position in road racing circles.

After 12 miles, the baton is taken by the second runner and so it goes around the clock, each athlete having miles to go before he sleeps. There are 17 stages in the race and wise runners bring all manner of clothing at their disposal and decide on what they will run in at the last minute. "Rain, snow, heat . . . we've had it all," says Race Director Hans Weidner. By day, a contracts supervisor in Physical Plant, by night and weekends, a demon organizer and genial overseer, Weidner loves the teamwork aspect of the race. In a marathon, for example, a runner can experience some difficulty and, should the road be stretching on and on before him, perhaps convince himself that he should call it a day even if he has something in reserve. With the team concept, you will dig very deep before you let your team down, he says.

The initial Jasper-Banff Relay had nine teams. The challenge of the course (it takes a special breed to run the "flat" sections, never mind widow/er-making Bow Summit and Sunwapta Pass sections), the logistics, the scenery and the bonhomie make it "the triple-loaded, deep-dish pizza" of

relay races. Also, the number of teams, the corporate sponsors, including Canadian Pacific Airlines, and the various safety factors make the race, in Weidner's words, "a little above running around Hawrelak Park." Teams from throughout Canada and the United States as well as from Bermuda, Japan and Peru have competed and this year, entries from Britain and Australia will be among the 128 teams. Still, the first place team could well be Calgary's Natural High "A" team. In its championship effort last year, the average pace was a crisp 5 minutes and 35 seconds per mile. The "A" team covered the 180-mile course in 16 hours, 21 minutes.

To ensure that each team and runner gets a fair shake, the Department of Transportation, Province of Alberta, is supplying all crowd control and traffic safety equipment, including 350 road cones and traffic marshalls' vests. There were 120 teams last year, an increase of 14 from the year before and security was wearing a mite thin at the edges. Weidner is confident about security and every aspect of the 1986 edition of the Relay. He and an 18-member committee started planning for the race last October; when the last thank-you note has been written, it will be early August. Weidner estimates that his time commitment will top 500 hours.

Many other members of the University community are devoting time to the race. Tony Craggs is race referee; Roger Ellis is a member of the race committee; Morris Aarbo, President of the Chasquis Club which initiated and continues to be a sponsor of the Relay, David Norwood, Ian Campbell, Gerry Kysela, Jim Haddow and others help make the race go. So do thoughts of bringing home silverware like The Myer Horowitz University of Alberta Trophy for Mixed Relay Teams. A new trophy, designed and sponsored by the Faculty of Physical Education and Recreation, it will be presented annually to the winning mixed (five men, five women) team. Dr. Horowitz will run his version of the marathon in order to award the trophy. After attending the 14 June installation of Terry Morrison, President of Athabasca University, he will fly to Calgary, pick up the trophy at the airport and drive to Banff. Shortly thereafter, many others will be "flying" in from Jasper. □

Letters

Universities and Disciplines

■ In brief reply to Hasana Birk's scholarly response to my article on "Universities and Disciplines" I confine myself to a quote from Eysenck. In a very lucid description of the common techniques employed during arguments he mentions asserting "what you think should or would follow from your opponent's position (but which he doesn't think should or would follow)". I confess I am often as guilty as others but nowadays I recognize when I am doing it.

Hasana Birk is, however, correct in her assumption that I believe the formal side of a university education should be specialized—as it once was (still is ?) in the best universities.

J.W. Osborn

Department of Oral Biology

Retiring Staff Embody Work Ethic

The annual Board of Governors-hosted function honoring staff who have retired or are about to retire took place on 23 May at the Faculty Club. Records are, of course, made to be broken—the record number of retirees hosted by Board members, University administrators and spouses last year was surpassed with ease in 1986. Ninety-three people from all “constituencies” of the University were honored last year; this year, 106 people enjoyed the food and hospitality and accepted engraved silver trays.

(The following pages contain biographical sketches of all those honored. This reprint of a booklet distributed to all retirees is an annual supplement to Folio published in place of weekly retirement notices. Colleagues of those about to retire are urged to submit biographical summaries to the Office of Public Affairs throughout the year in order to reduce eleventh hour pressures in the preparation of the summary.)

Joan Anderson

Mrs. Anderson started with the Department of Pediatrics on 1 April 1978 on a temporary basis. She became a full-time regular staff member (Receptionist II) on 20 January 1980. On 1 May 1981, she was promoted to Clerk Steno III and, on 1 January 1984, to Medical Secretary. Mrs. Anderson handled the department switchboard the majority of time she was with the department. Her knowledge and willingness to help won her the plaudits of patients and staff alike. Her retirement plans call for some travel and a closer association with her grandchildren.

William T. Andrew

Dr. Andrew has taught and conducted research in the Department of Plant Science since 1959. Educated at the Vermilion School of Agriculture, the University of Alberta, Utah State University and Michigan State University, he put in long hours researching growth patterns and environmental relationships of potatoes and vegetables. His findings have contributed in no small way to more than doubling the average yield of potatoes in Alberta in the past twenty years. Extension courses from Peace River to Medicine Hat bear Dr. Andrews' imprint. He was recently appointed Director, National Council, of the Agricultural Institute of Canada.

Avis Bateman

Avis Bateman was a valued member of the Faculty of Extension from May 1976 until her retirement in December 1985. As Supervisor of Duplicating and Mailroom Services, she could be described as a “model employee” because of her ability and willingness to work hard, meet deadlines and cope with emergencies. During her nine and one half years at the University, she was absent for only five days due to illness. Avis Bateman is highly regarded by her many colleagues and friends; they wish her health and happiness in her retirement.

H. Bateman

James Harry Bateman came to the University of Alberta from the Department of National Defense in October 1958 and was employed in the Purchasing Department. Mr. Bateman and his responsibilities for special events found a

home in the Registrar's Office in 1975. For twenty-seven years he was a familiar figure around campus, setting up facilities for conferences, monitoring classroom conditions and solving space-related problems. The University received many compliments that were the direct result of Jim Bateman's effort and time commitment that were beyond the normal call of duty.

Joan Begg

Mrs. Begg began her career in the Cataloguing Department of Cameron Library in November 1965 as a typist. She soon became a reviser of catalogue cards and for the last fifteen years of her service was a cataloguing assistant in the Humanities and Social Sciences section. Mrs. Begg retired on 30 June 1985. She and her husband, Stewart, look forward to more travelling abroad. Her enthusiasm and cheerful disposition will be missed.

Lottie Boelstler

The cafeteria system, the Bookstore and the Library have benefited from the presence of Lottie Boelstler. She began her career with the University in 1959; her most recent position was in the Serials Unit. Her associates use the words “cooperation” and “self-motivated” in describing her approach to work. She also had a keen sense of humor which brightened her co-workers' days.

Fern M. Campbell

When Fern Campbell joined the University of Alberta in 1964, her first job was as supervisor of the University switchboard. As the University grew, so did the telephone system, and so did Fern's responsibilities: in 1979 she was appointed Administrative Professional Officer, and she was Telecommunications Manager until her retirement in November 1985. It was well known across campus that if you wanted help or information about our telecommunications system, Fern Campbell was the person to ask. Fern is now in Minnesota, doing a year's residency in clinical pastoral education at the Hazelden Foundation, a treatment centre for alcoholics and people with a chemical dependency.

Renato Cirillo

Dr. Cirillo's roots lie in Malta. Born in Floriana and educated at the Royal University of Malta (and the University of Louvain and the University of London), he served his alma mater as Lecturer in Economics and Acting Chairman, Department of Economics. The University of Alberta welcomed Dr. Cirillo as Associate Professor of Economics in 1966. His published contributions to the history of economic thought include the book *The Economics of Vilfredo Pareto*. He achieved the rank of Professor in 1979. He is currently writing a book on economic ideologies and will continue in a three-year post-retirement appointment with the Department of Economics.

Andrew K. Clark

Dr. Clark joined the Faculty of Education's Department of Industrial and Vocational Education in 1967 after a varied technical career that began in Scotland and continued in Canada. Immediately prior to joining the University's staff he served as a training officer with the RCAF, leaving the service with the rank of Flight Lieutenant. Recognizing the opportunities in being appointed to a young and growing department, Dr. Clark made many contributions in both the undergraduate and graduate programs. His most significant contributions have been his many learned publications and his editorship of the *Alberta Journal of Educational Research*.

Jennye Clearwater

Jennye Clearwater came to the (then) School of Physical Education in 1969, after having been employed by the RCMP, the City of Red Deer and the federal government. She was assigned

to the Department of Recreation Administration and remained with the department throughout her time at the University. Her warm concern for and sincere interest in each and every student within the Recreation program was renowned throughout the Faculty and was appreciated by both academic and non-academic personnel. In 1985, she endowed the Jennye Clearwater Scholarship, to be awarded annually to an academically outstanding student entering the final year of the BA (Recreation Administration) program.

Walter H. Cottle

Dr. Cottle studied at the University of British Columbia and the University of Washington. He came to our University in 1956 as Assistant Professor of Physiology and has been Professor of Physical Education since 1975. Dr. Cottle was Underwood Fellow of the Agricultural Research Council, ARC Institute of Animal Physiology, Babraham, Cambridge, England, in 1967-68, and Visiting Professor, Institute of Environmental Stress, University of California, Santa Barbara in 1975-76.

William Eastman

William Eastman was born in Winamac, Indiana. After receiving an undergraduate degree from Oberlin College in 1949, he continued his academic training at Brown University, receiving his PhD in 1956. Following a period of employment in industry, notably for Rand Corporation and Honeywell, Inc., Dr. Eastman returned to teaching and joined the Department of Philosophy as an Assistant Professor in 1966. He served as Acting Chairman in 1968-69. His areas of specialization were Russell, the philosophy of the mind, the theory of knowledge, and, in the years immediately preceding his retirement, philosophical issues concerned with peace. With his wife and two sons, Dr. Eastman is now living in Victoria.

Henry Horace Easy

The Royal Canadian Air Force was Horace Easy's career for thirty-two years. When the age limit forced him to retire he joined an Edmonton firm as manager, special services. Three years later, in 1974, he joined the University as Building Superintendent II. During his eleven years' service he looked after two areas, involving mainly the Library, Engineering and Dentistry/Pharmacy buildings. Mr. Easy also served one-year terms as President of NASA and as Chairman of the NASA grievance committee. In his own time, Mr. Easy is heavily involved in community council work, as well as in coaching young people.

John A. Eddington

Dr. Eddington retires this summer after 14 1/2 years as a Staff Medical Officer at University Health Service. A conscientious objector in World War II, he worked as a nursing orderly in England, returning to Cambridge University as a medical student in 1944. Graduating MRCS (Eng.), LRCP (Lond.) in 1950 and MB, BChir (Camb) in 1956, with a strong interest in what is now known as “holistic medicine” and the concept of medicare in which to practice it, he was in solo rural and urban practice in his homeland until moving to Canada with his family in 1966. He is co-author of “Medicare and the Politics of Rising Cost”, a policy statement which became the basis of Alberta NDP Health Care Policy.

George Everett Eddy

Born and raised in New Brunswick, Dr. Eddy gained his medical education at Dalhousie and postgraduate education at Victoria General Hospital in Halifax, Montreal General and Children's Hospitals and the University Hospital of Cleveland. Dr. Eddy, who retired last year after a twenty-five year career at this University, is a pediatrician of some repute

who has held hospital and other professional appointments in Edmonton and nationally.

Frederick C. Engelmann

Dr. Engelmann holds BA and MA degrees from UCLA and MA and PhD degrees from Yale. All are in Political Science. He taught at Alfred University in western New York and has been with the University of Alberta since 1962—initially at the (then) Calgary campus, and, since 1965, in Edmonton. Dr. Engelmann has taught Canadian and Western comparative politics and researched various political parties. He is (with Mildred A. Schwartz) co-author of *Canadian Political Parties*. Dr. Engelmann sat on General Faculties Council and the AASUA Executive, and was instrumental in establishing leave policy. His side interests include music and travel.

Frederick Enns

Born in Orenburg in the Soviet Union, Dr. Enns grew up and was educated in Alberta, gaining a PhD in Educational Administration in 1961 from this University. Prior to joining the Department of Educational Administration, Dr. Enns served at various times as teacher, vice-principal and principal in Alberta public schools. From 1961, he has moved through the ranks of University employment and administrative functions, was Associate Dean of Education from 1970 to 1975, and, from 1981 has been a member of the President's Advisory Committee on Campus Reviews.

George Fedina

Mr. Fedina started with the Department of Physical Plant in January 1960 as a Maintenance Worker in the Lamping Crew. In February of 1970, he was promoted and moved to more responsible duties in the Structural Maintenance Division. In January 1979, George became a Locksmith and remained in this trade until his retirement. Mr. Fedina's supervisors have praised him throughout his career as a diligent employee who could be relied on to do his work well.

Yvonne Fenton

Yvonne Fenton left her native England to join the staff of the University of Alberta Library in 1953. After serving as Head of the Cataloguing Division, she transferred to the Special Collections Library in 1970. She left her position there in 1973, but returned four years later as the Special Collections Cataloguer. Miss Fenton has been able to utilize her vast knowledge of cataloguing practice and convention in the development and creation of a comprehensive cataloguing manual. Retirement (on 30 June 1986) doesn't have full claim on her—she will continue to work on a part-time basis until 1988.

John Ferch

John Ferch was born on a farm near Kipling, Saskatchewan. He attended the Balfour Technical School in Regina and became well versed in machinery. Mr. Ferch has resided in Edmonton since 1951 (he worked for a manufacturing company before joining the University). He is a devoted family man who derives pleasure from fishing with family and friends and putting around the cottage. His three grandsons occupy a large portion of his time.

Elizabeth Filipkowski

Professor Filipkowski is a native of Vermilion, Alberta, who began her undergraduate studies here as an English major. She graduated with a BEd from this University before taking an MA at Columbia. Music was her hobby as a student. Over the years, however, music became much more than a mere avocation, witness her final position as Professor of Elementary Education and Music at this University. Professor Filipkowski has been active with the Mixed Chorus, has conducted the University Women's Choral Group, and has sung as a soloist in St.

Joseph's Cathedral. Her professional interests have been highlighted very recently by her position as General Chairman for the International Conference of the World Council for Curriculum and Instruction. Elizabeth Filipkowski accepted her first appointment at the University in 1957 and gained her current rank in 1978. In retirement she will look after her plants in her recently purchased home.

Joseph Kevin Flynn

Joe Flynn spent ten years in the building service field in Ireland, the country of his birth. Emigrating to Canada in 1958, he continued working in that field, joining the University in 1962 as a member of the then Caretaking Services. It was not long before he became a Machine Operator, and he held that position until promoted to Supervisor in 1965. Mr. Flynn has always chosen to work the night shift; and at one time he turned down a promotion because he did not want to leave his crew of several years. At the time of his retirement, he was responsible for the Biological Sciences complex, the largest building on campus.

Thomas Forman

Mr. Forman has worked on campus since 1965. He had at that time just retired from twenty years' service with the RCAF as a transport pilot. He served the Department of Mining and Metallurgy (renamed Mineral Engineering in 1973) as an electronics technician. Since his retirement on 30 April 1985, Mr. Forman and his wife, Elaine, have continued to reside in Edmonton and he has made plans to address many a golf ball.

Walter D. Gainer

Dr. Gainer was born and educated in Edmonton, receiving his BSc in Agriculture from this University in 1943. Following two years of military service, he was employed with the Economics Division of the Canada Department of Agriculture. Later, he gained an MSc in Agricultural Economics from Iowa State University and a PhD in Economics from the Massachusetts Institute of Technology. Dr. Gainer joined the University in 1950 and achieved the rank of Professor in 1964. From 1964 to 1969, he served as Chairman of the Department of Economics. He was Acting Associate Dean of Arts in 1973-74, and Associate Dean of Graduate Studies and Research from 1976 to 1984. Dr. Gainer's fields of interest in teaching and research are Energy and Natural Resources Economics and Economics of Developing Countries. He has been the author of many publications and commissioned studies. Dr. Gainer was a member of the federal Royal Commission on the Great Slave Railroad in 1960, a member of the U.K.-Canada-U.S. tripartite Economics Survey of the Eastern Caribbean in 1966, and later a member of a similar assignment in the British Honduras. Dr. Gainer has also served as an Economics Advisor to the Republic of Zambia and, more recently, on another CIDA-related assignment, in Lilongwe, Malawi. Dr. Gainer has held many public offices in the last three and a half decades. He has been Vice-President of the Canadian Economics Association, Director and President of the Edmonton Social Planning Council, and an elected member of the Edmonton Public School Board.

Cecilia Glowczak

Born and raised in Poland, Mrs. Glowczak joined the University in 1970 working in our Housekeeping division as a Housing Worker in the laundry area. Before coming to campus, she worked for Modern Building Cleaning Division and the General Hospital. Mrs. Glowczak's helpful and cheerful approach to her work will be missed by her co-workers.

Denis Goodale

Dr. Goodale was an Associate Professor of Accounting in the Business Faculty until his retirement last August. A native of Regina, he studied at the Universities of Saskatchewan and Washington and also served in the Royal Canadian Air Force. During his tenure at the University, Dr. Goodale was as active outside the classroom as in sitting as a member of such

committees as the Convocation Committee, Faculty Council, and a Faculty Advisor.

Kenneth M. Gordon

Dr. Gordon was born in Edmonton, where he received his schooling and the DDS degree from the University of Alberta. His first appointment at the University was in 1973. After some time teaching in the Faculty of Dentistry, Dr. Gordon took up an appointment with the University of Alberta Hospitals Dental Clinic. He has also been an Assistant Clinical Professor of Stomatology since 1982. Dr. Gordon has many interests other than his profession. These include golf, curling, a cottage at Pigeon Lake, and five children and twelve grandchildren.

Patricia Grant

Mrs. Grant has served under three Deans of Science at the University since joining the Faculty in 1970. Prior to this, she was secretary to Deans at the Universities of McGill and Calgary. Mrs. Grant is known for her sense of humor and respected for her wisdom, fairness, and energy. During her retirement, she looks forward to having more time to pursue her interests, including the symphony, ballet, her special interest—horses, and for travelling.

Leslie C. Green

Professor Green is perhaps best known for his work in the area of international law and terrorism. He is regarded throughout the world as an expert in these areas and has been asked to speak at numerous conferences and his advice and opinion is sought by countries and media alike. Professor Green joined the University's Political Science department in 1965 and since then he has also shared his expertise with students in the Faculty of Law. In recognition of his contributions to the areas of political science and law, Professor Green was awarded the distinguished title of University Professor in 1969.

Eve Hawkins

Mrs. Hawkins's thirteen-year accounting background was particularly useful when she joined the Chemical Engineering Department in 1971 as its bookkeeper. She accepted a government position in 1974 but returned to the department in 1977 and remained a reliable, devoted employee until her retirement in January of this year. She is an avid sportswoman and traveller and plans on devoting much of her time to these pursuits.

Frederick Heinze

Emigrating to Canada from Germany in 1952, Fritz Heinze worked first in construction, then as a sales clerk, and later with Good Year Tires. In January 1965, he joined the University as Building Service Worker II. His first promotion was to Building Service Worker III in 1977, and in 1979 he was made Supervisor. His colleagues describe him as "a colorful man" and say that working with him was never a dull affair—they expect he won't be dull in retirement, either.

Ernest Hodgson

With few exceptions, Dr. Hodgson has spent his entire life in the area of education, as a student, supervisor or inspector of teaching. He has taught in a one-room log rural school and Victoria Composite High School and has been a superintendent, high school inspector and director of school administration for the provincial government. A graduate of this University, Dr. Hodgson joined the faculty in Educational Administration in 1966 and was elected trustee and chairman of the Edmonton Public School Board in 1980.

Peter Hof

A lifelong interest in flying and photography, an education in electronics and telecommunications, and positions with such organizations as the Defence Research Board, and the University of Calgary's Cosmic Radiation Laboratory led Mr. Hof to the Institute of Earth and Planetary Physics on campus in 1971. Several years later he became a full-time member of the Meteorology Division of the Geography Department where, until his retirement, Mr. Hof was responsible for much

of the maintenance, operation and data processing of the University's Satellite Laboratory and the Ellerslie Climate Research Station.

Herbert Huber

Mr. Huber started working as a Millwright in September 1949. Before coming to the University, he accumulated many years of experience as a Millwright Foreman. Mr. Huber became our Millwright Foreman in 1964 when he joined the Maintenance Division of Physical Plant. Mr. Huber has been rightfully praised for the fine work he performed in directing our Millwrights Division.

Robert S. Jamieson

Born in Smith Falls, Ontario, Mr. Jamieson came to the University in 1969 as Assistant Director for the Boreal Institute for Northern Research. Prior to that appointment, he saw service with the Black Watch and was a member of the First Canadian Paratroopers Battalion during World War Two. After retiring from the forces in 1945 with the rank of Major, Mr. Jamieson worked for the Government of Ontario, took a two-year diploma course in Hospital Management at the University of Toronto and served, from 1948 to 1959, as Bursar of the Ontario Hospital School in Smith Falls. Among the highlights of Mr. Jamieson's pre-university career was his work with the Department of Indian Affairs and Northern Development to 1966, during which he was involved in the design of the government of the Northwest Territories. Mr. Jamieson was appointed Acting Director of the Boreal Institute in 1976 and was confirmed in that position a year later. Mr. Jamieson left the Directorship of the Institute in 1984 as the result of ill health; he has remained on staff on a part-time basis until the present time.

Shirley Jones

A native of Vancouver, Mrs. Jones trained in laboratory technology and later served as a technical officer in the Laboratory of Hygiene (now Laboratory Centre for Disease Control) in Ottawa. She moved to Edmonton and joined the staff of the Provincial Laboratory as a Laboratory Technologist in 1954. Mrs. Jones left the Laboratory for several years and returned in 1967 where she remained until she took early retirement in May 1985 to live on Vancouver Island. During her career with the Laboratory, Mrs. Jones was involved in bacteriological studies.

Badrudin Kara

Born in Uganda, Mr. Kara first emigrated to England where he worked as a bus driver and kitchen cleaner. He then came to Canada and joined the Food Services staff in 1979 and has worked in both CAB and SUB cafeterias. Mr. Kara's pleasant manner and efficiency will be missed by his colleagues.

Frank Katzer

Mr. Katzer's career at the University began in 1966 and he worked the night shift for nine years as a building maintenance worker. He later transferred to the Heating Plant where he was also a maintenance worker until his retirement in February. In his native Czechoslovakia, Mr. Katzer apprenticed as a butcher and during his years with the University he maintained his interest in the meat cutting business working part-time at a local delicatessen.

Ray Kelly

As head Athletic Therapist and Administrative Professional Officer in the Athletic Services Department, Mr. Kelly retires following thirty-one years of association with University athletic programs. He has been an instructor and guest speaker at schools both in the province and beyond, and has been involved as a therapist with the World Wrestling Association, Pan-American Games, Edmonton Eskimo Football Club, World University Games and the Commonwealth Games, to name but a few. His kind and humanistic approach to athletes and staff will be missed.

Clement King

A Trinidadian, Dr. King is an alumnus of this University (master's and doctorate) and joined the Educational Psychology faculty in 1974 as a sessional lecturer. His area of specialization concerns learning disabilities and he has written and spoken extensively about instructional and management strategies for children and adults with learning and emotional problems.

Robert King

Professor King is a native Edmontonian who graduated from the University in 1947 and same year joined the Department of Electrical Engineering. He has been active on and off campus during his 39 year association with the University and holds membership in such associations as the Canadian Society of Electrical Engineers, Engineering Institute of Canada and the Institute of Electrical and Electronics Engineers.

William Kirkby

A native of Manitoba, William Kirkby's early career included stints in the forest, construction and drilling industries. He joined the University for the first time in 1965 as a Building Service Worker II, resigning towards the end of 1966 and re-joining in mid-1967. Since then, he has worked in a number of buildings, from 1978 servicing buildings on the University Farm, much of the time working on his own because of the nature of the Farm areas. In retirement, Mr. Kirkby looks forward to pursuing his interests in gardening and "mechanical work".

Engelbert Koning

Mr. Koning emigrated from the Netherlands to Canada in the mid '50s and joined the University's Physical Plant Department in 1969 as a Technical Assistant III. A number of years later, he moved to the Energy Management Division of Physical Plant where his responsibilities included lighting analysis of all University facilities.

John Konkin

After farming for several years, Mr. Konkin came to campus in 1971 as a Refrigeration Technician in the Science Faculty. He transferred to the Department of Botany in and remained there until his retirement in , 1985. Mr. Konkin's dedication and efficiency were greatly appreciated by staff and students alike and his cheerful approach will be missed.

Adolph J. Kucy

In 1973, Adolph Kucy joined the University, after a variety of work experiences that included a period in the Army during World War Two as well as with Canadian Pacific Railways, the Winnifred Stewart School and an electrical firm. His first appointment here was with Physical Plant as Maintenance Worker I. In 1976 he transferred to Building Services, becoming Building Superintendent I, and was promoted to Building Superintendent II in 1981. Mr. Kucy is well known at Faculté Saint-Jean, where his nine years' work as Superintendent was much appreciated.

Joe Kuziemyky

Mr. Kuziemyky started work in the Department of Physics in October 1949 as a lab. technician. As the Department grew, he naturally assumed greater and greater responsibilities and, as a result, was promoted several times. When he retired last December, Mr. Kuziemyky was supervisor of the undergraduate lab technical staff. He had 36 years of continuous service and had seen eight different Department Chairmen. Mr. Kuziemyky will spend his retirement in Edmonton where he and his wife Anne plan to "continue to spoil their three grandchildren."

Goddard Lauw

Goddard Lauw was born in Indonesia and educated in Hong Kong, where he worked a number of firms in a variety of positions. 1973 he emigrated to Canada, working for a short time at Chancery Hall before joining the University in 1975. As a member of Building Services's staff, Mr. Lauw has given exemplary service, working on the carpet cleaning crew as

well as in the Physical Education complex, the Medical Science Building and the Chemistry/Pharmacy complex.

Victor Lewin

Dr. Lewin gained his doctorate at the University of California at Berkeley and joined the University's Department of Zoology in 1958. In his years here, Dr. Lewin has taught a whole range of Zoology courses from wildlife management to vertebrate biology. Dr. Lewin is a particular specialist in ornithology with research interests as diverse as tropical game biology in Mexico and Hawaii and the ecology of upland game birds such as grouse and quail. He has served as Director of the Zoology Museum for twenty years.

Charles M. Lockwood

Professor Lockwood is best known to the University community for his recent nine-year term as Dean of the Faculty of Extension, from 1975 to 1984. He began employment at this University in the Department of Extension in 1963. An engineer and business administrator by academic training, Professor Lockwood has served and represented the University on a wide variety of panels and committees. During his time with the Faculty of Extension, he has been directly involved in the development of such continuing education programs in such areas as legal education, management for engineers and off-campus management programs in Alberta and the Territories, and, among many other initiatives, a certificate program in occupational safety. In his retirement, Professor Lockwood does not plan to sit back; instead he expects to act as a consultant in his varied fields of interest.

Frances M. MacCannell

Dr. MacCannell came to the University of Alberta's Department of Elementary Education in 1976 after a distinguished career as teacher and scholar in the United States. A native of Oklahoma, she gained a BA from the University of Washington (Seattle) and a PhD in Curriculum and Instruction from Kent State University. In addition to her other professional involvements, Dr. MacCannell has served as educational consultant for publishing

companies on both sides of the 49th parallel. Her avocations include genealogy, silversmithing and gardening.

Bert D. Madill

Bert Madill joined the Royal Canadian Air Force as a young man, and saw service in many parts of the world, including Southern Asia in World War Two. Retiring from the service, he took up a second career as a commercial pilot, and a third one in real estate property management. For his fourth career, Mr. Madill joined the University as Administrative Manager for the North Garneau Housing Corporation, transferring to Housing and Food Services in 1979, when that department took over the Garneau properties. Joining Building Services in 1980 as Building Superintendent II, he was promoted to Building Service Coordinator in 1981. Mr. Madill's colleagues say that his inborn zest for life made him a joy to work with—and he plans to take this zest with him onto the golf course in his retirement.

Liam McClellan

Born in Killarney, Ireland, Liam McClellan moved with his family to Edmonton in 1957. He joined the University in 1961, as a member of Building Services' staff. In 1968, he was promoted Supervisor and later that year was made Area Supervisor. Advancement to Building Superintendent I came in 1969 and to Building Superintendent II in 1972. Virtually all of Mr. McClellan's senior supervisory years were spent in the Chemistry/Physics complex, whose occupants much appreciated his services. Now Mr. McClellan, with his wife, Mary, who has followed him into retirement, intends to divide his time between their retirement home in Point Roberts and their home in Edmonton.

Mary McClellan

Mary McClellan, born in Killarney, Ireland, emigrated to Canada with her family in 1957. After a few short spells as cashier and sales clerk, Mrs. McClellan joined the University Hospital in 1963, where she became Senior Supervisor with a staff of 52. But the demands of the job interfered with the needs of her young family, and she resigned the post in 1965. In 1968, Mrs. McClellan joined the

University as one of the then very few female employees in Building Services, later being appointed Supervisor. Mrs. McClellan was one of the first women—if not the first—on campus to enter a previously male-dominated territory and receive equal pay for equal work. Although not yet of retirement age, Mrs. McClellan chose to follow her husband, Liam, into retirement.

Don McCrank

Starting with Physical Plant in 1961, Don McCrank's first posting was as Maintenance Control Supervisor. He has held a variety of posts since then, his last one being the Administrative Professional Officer position of Mechanical Utilities Manager. Called on to attend many meetings in the course of his duties, Don McCrank was noted for his vigorous and forthright participation in the proceedings.

Hugh McCullough

Mr. McCullough served as an instrument technician with the RCAF and industrial concerns for several years prior to joining the Department of Physics in 1959, where he worked on instrumentation and electronics in the mass spectrometry laboratory and other sections of the geophysics group. In 1977, Mr. McCullough transferred to the Department of Geology while continuing to work in the mass spectrometry lab. That lab continued to grow throughout Mr. McCullough's University career with many of the instruments built with his help.

J. Merrill McDonald

Professor McDonald has been a member of the Faculty of Extension since 1967. Prior to that appointment, he served as Regional Director, Emergency Welfare Services, in the Department of National Health and Welfare. Professor McDonald received his undergraduate education at the University of Saskatchewan and his postgraduate degrees in social work at the University of British Columbia. In his years at our University, Professor McDonald has been involved in many different activities including the planning and organization of community leadership development programs and providing consultative services to community groups throughout Alberta. An active professional, Professor McDonald has been equally active in Edmonton as a community league executive member and sports coach. He has also been deeply involved in developing welfare training courses for Edmonton child care workers.

Patricia A. McFetridge

Dr. McFetridge is a native of Vidora, Saskatchewan, who graduated from the University of Saskatchewan in 1960 with a BEd degree, gaining the honor of being that year's "most distinguished graduate" in the College of Education. She joined the Department of Elementary Education in 1962 and, while an Assistant and then Associate Professor, earned Master's and doctoral degrees at the University of Minnesota. Dr. McFetridge was promoted to the rank of Professor in 1971. Dr. McFetridge is well known for her research and teaching, her supervision of graduate students and her activities in consultative projects. Among her many involvements, she has also served as Editor of *The Alberta Journal of Educational Research* and as Chairman of the Department of Elementary Education.

Shirley Meyer

Shirley Meyer has served the University for thirty-nine years. She started her career in Student Counselling in 1946 and moved to the University Library in 1969. As secretary to the Chief Librarian for a quarter of a century, Shirley had a wealth of library information at her fingertips. Over the years, she assisted all library managers with a variety of information requests. It is indeed difficult to imagine the Librarian's office without Shirley. We wish her a long and happy retirement.

Olin Murray

Olin Murray joined the staff of the University of Alberta Library as Coordinator of Collection Development in 1969. With a background in collection development he contributed significantly to the growth of the library into a major research library. Mr. Murray brought a wide range of bibliographic experience from Yale and Northwestern Universities. He provided the leadership for the Collection Development Committee. His major responsibility was to provide advice to the library administration and to the GFC Library Committee regarding the development of the collection. He provided leadership to those members of the library system responsible for collection management. His broad interests and knowledge resulted in his advice being sought on many issues outside his responsibilities.

Marshall Alexander Nay

Dr. Nay was born in Mundare, Alberta, and gained his undergraduate and graduate degrees in Chemistry at this University, winning along the way several academic honors. Recognized as an outstanding science teacher (he was awarded the 1984 Distinguished Service Citation and the Science Council Certificate of Achievement by the Alberta Teachers' Association), Dr. Nay served as college and high school teacher before joining the University's staff in 1960. Currently Professor in the Department of Secondary Education, Dr. Nay held a joint appointment between that department and the Department of Chemistry for several years. Recently, he has expanded his research interests into teacher education and is very interested in the continuing educational needs of science teachers in the school system.

Thomas R. Nelson

Dr. Nelson came to Canada from Scotland in 1955. Although a Scot, he was born in Peru. Dr. Nelson's medical training was at Edinburgh University from which he graduated with the degree of MB, ChB in 1944. Subsequent intern and resident training were done in Edinburgh, Glasgow and Aberdeen. In 1945-47, Dr. Nelson saw service in the Royal Army Medical Corps. After immigration, Dr. Nelson did a residency post at our University and entered private practice. He gained Membership in the Royal College of Obstetricians and Gynaecologists in 1952 and Fellowship of the Royal College of Physicians and Surgeons of Canada in 1956. After several periods of practice, full-time and private, with further teaching experience at Dundee, Dr. Nelson returned to the University of Alberta Hospital. He was Acting Chairman of the Department of Obstetrics and Gynaecology from July 1981 to November 1982. During his career, Dr. Nelson has had a strong interest in teaching and has made a noteworthy contribution to undergraduate and graduate education. He has been an outstanding clinician whose departure from practice will cause much regret among a large following of patients. Dr. Nelson has many interests outside medicine, and, in particular, an enthusiasm for music and walking in the Rocky Mountains.

Velma Nenn

Velma Nenn joined Medical Laboratory Science in 1969 as a Laboratory Assistant I, becoming, in 1970, a Laboratory Assistant II. In her duties of preparing media and reagents, Mrs. Nenn has worked closely with many members of the preparation room staff and MLS instructors during the past seventeen years. Certainly, the MLS staff will miss Velma's easy-going personality and her stories of travel to Alaska and the Yukon and hunting bears with her husband, Art. In her retirement, Mrs. Nenn looks forward to having more time for reading, knitting, her 22 grandchildren, and to travelling with Art in their van.

Joseph Ross Newhouse

Professor Newhouse is a native of Saskatchewan who received his Bachelor of Commerce at the University of Saskatchewan before gaining the Chartered Accountant designation in 1952, and, from our University, a Master's degree in Health Services Administration in 1974. Professor Newhouse joined the Department of Health Services Administration and Community Medicine in



Come to a Garden Party

On the afternoon of Monday, 23 June, the University of Alberta will host a Garden Party to honour Peter Savaryn. All members of the University community are invited to attend the function to greet the retiring Chancellor whose four-year term ends 30 June.

The Garden Party will be held on the lawn at University House from 2 to 4 p.m. The highlight of the afternoon will be tributes to the Chancellor at approximately 3 p.m.

Guests attending the function may also wish to view the exhibition of woodcuts and linocuts by the late Jacques Anizdovsky which will be on display in the Ring House Gallery. Chancellor Savaryn was instrumental in arranging for this exhibition to be brought to campus.

1982 after a distinguished, and varied career as accountant and ultimately Director of Computer Systems for Husky Oil and, latterly, as Vice-President (Administration) of the University of Alberta Hospitals. Apart from professional involvements, Professor Newhouse has maintained active interest in many community endeavors, having served on the Board of Trustees of the United Way in Edmonton, as treasurer of the Windsor Park Community League and as treasurer of the Edmonton Olympic Club. He is an avid golfer and keen hockey fan.

Edna Newnham

Edna Newnham was born and educated in Calgary. On finishing school, she went to work for her father who owned Commonwealth Press. Here she gained a knowledge of printing and paper. In 1962, Edna moved to Edmonton and worked for five years for Principal Investments. She joined the Printing Services staff at this University in 1967 as a general office clerk. When Printing Services and the Duplicating Department were combined, she became responsible for inventory control and the ordering of all paper stock and supplies. Her knowledge proved to be a valuable asset to the department and became well known to campus and vendors' representatives. Edna retired in February of this year and now lives in her hometown, Calgary.

Joyce Nykilchuk

Joyce Nykilchuk joined the staff of the University Library in 1979 as a recurring term employee in the Circulation division of the Humanities and Social Sciences Library. Although she was promoted to a regular position, she decided that a recurring term appointment best suited her life-style. Joyce will be missed and we wish her all the best in her retirement.

Annette Ostapovitch

Professor Ostapovitch joined the Faculty of Home Economics in July 1965 after previous appointments at the University of Manitoba and at Michigan State University. She was an excellent teacher, much appreciated by the students for her thoroughness and toughness. Many graduates return to tell of how much they learned from "Miss O". Miss Ostapovitch served her Faculty and University in many ways. She counselled students on academic matters and served as Chairman of several Faculty committees. In the period 1972-74, she also served colleagues' interests as representative to the AASUA and as treasurer of that association. Professor Ostapovitch is retiring in Edmonton but plans to spend time also among friends and family in Saskatchewan.

Elizabeth Owen

Elizabeth Owen joined the staff of the Herbert T. Coutts Education Library in 1974 and there is no doubt but that among her many contributions, her eleven years of service increased the life span of innumerable books. With the increasing awareness of the need of preservation, Elizabeth retired too soon. However, she will now have more time to spend with her family, so they are the winners. All the Library staff wish her a long and fulfilling retirement.

Syed M. Padsha

Dr. Padsha received his university education in Karachi and London, gaining respectively MBBS and PhD degrees. After professional experience in Pakistan from 1948 to 1953, he served in University College London's Department of Physiology, returned to private practice in Pakistan from 1958 to 1963, and was a lecturer in the Meckerere Medical School in Kampala, Uganda. Dr. Padsha joined the University of Alberta's Department of Physiology in 1963. He has several publications to his name.

Geoffrey W. Panter

Mr. Panter emigrated from England in 1952. During World War II, he served in the Royal Navy and attained the rank of Chief Petty Officer. Prior to joining the University he was

employed as a licensed mechanic and assisted the United States Air Force in setting up a maintenance system for vehicles at Fort Nelson. Mr. Panter joined this University's staff in 1963 as the Maintenance Garage Supervisor for the Vehicle Pool. The position was re-classified to Manager in 1968 and was accorded administrative/professional officer status in 1978. In addition to his professional duties, Mr. Panter has been active as a member of the Alberta Safety Council's Traffic Safety Committee. Mr. Panter retired last October and now lives on Vancouver Island.

Thea Paap

Mrs. Paap joined the University Library in 1965 as a cataloguer. In 1969, she was promoted to Supervisor of the Humanities Cataloguing Division and, in 1984, assumed the responsibility of supervising the combined Humanities and Social Sciences Cataloguing units. During Mrs. Paap's career at this University, the collection has grown from about 500,000 volumes to well over 2 million. Mrs. Paap's high standards and dedication to excellence have earned her the respect and admiration of all the Library staff and have contributed greatly to the reputation of the Library in the areas of cataloguing and bibliographic control.

Noel J. Parker-Jervis

Professor Parker-Jervis (PJ) to many of his colleagues in the Department of English) was educated at the University of British Columbia and came to this University in 1961. Of his many contributions to the University, one of the most significant was Professor Parker-Jervis's role in the establishment of the Western Canadiana Publications Project (WCPP). As the first secretary and later as chairman of the project committee, Professor Parker-Jervis was energetically involved in the work that led to the funding of the Riel Project, published last year by the University of Alberta Press as the *Collected Writings of Louis Riel*. Among Professor Parker-Jervis's other contributions to scholarship, is also a complete concordance to the works of George Orwell, published in microform by the University Press.

Giuseppe Parrotta

Giuseppe Parrotta, a native son of Italy, worked in his home country's manufacturing industry for thirteen years before emigrating to Canada in the mid-1950s. He spent some years in private industry before joining the University in 1972 as Building Services Worker II. Rated by his supervisor as fast, able to do any job, and "handy all around", Mr. Parrotta became increasingly disabled and eventually, after an injury on the job, was placed on long term disability insurance. He retired in 1985.

Theodore Pawlyk

Born and educated in Poland, Theodore Pawlyk emigrated to Canada in the late 1940s. His first job was with Canadian Pacific Railways, where he became a Section Man. In 1961 he joined the University as Building Service Worker II, and in the following years worked in Corbett Hall, the Dentistry/Pharmacy Building and SUB. Promoted to Maintenance Worker I in 1974, he then worked in buildings on the west side of campus. Mr. Pawlyk's dependable and cheerful personality will be missed both by his colleagues and by building users—but he and his wife have great plans for enjoying retirement.

Ann Poshtar

Mrs. Poshtar was born in Mundare, Alberta. After experience as a waitress, she joined Housing and Food Services' housekeeping unit in March, 1978. Married with three children, Mrs. Poshtar has been a very valued member of our University's staff whose work has been much appreciated by the students of the Lister Residences.

Barbara Prentice

Mrs. Prentice was born in Scotland, where she received her education in accounting and management-related courses and where she worked, prior to coming to Canada, for Glencoe Securities as a bookkeeper. After arrival in this

country in 1966, Mrs. Prentice worked for the Royal Trust Company and held several management positions with the Government of Alberta, ultimately with Social Services and Community Health. Mrs. Prentice joined the University's staff in 1981 as Finance Officer in the Department of Housing and Food Services. She retired in December 1985.

Bernice Prusak

Mrs. Prusak joined the Bursar's Office in 1955 as Head Cashier and worked in this office until 1970, when she transferred to the Pension Plans Division of the Office of the Comptroller. Mrs. Prusak continued in this unit after its restructuring in 1981 as the Office of Pension and Benefits Administration. At the time of her retirement in December 1985, Mrs. Prusak supervised a unit responsible for the day-to-day administration of both pensions and benefits plans.

Karel Puffer

Dr. Puffer is a native of Czechoslovakia who began his career in Canada by pursuing an engineering degree at this University. After several years in the private sector as chief structural engineer and as a consulting engineer in Edmonton, he returned to academic pursuits and earned an MSc and EdD at the University of Illinois in Champaign, Urbana. In 1962, Dr. Puffer became a Department Head at NAIT and, after several other appointments at that institution, became Academic Vice-President in 1973. In 1975, he accepted the position of Professor and Chairman of the Department of Industrial and Vocational Education in the Faculty of Education. Since 1980, Dr. Puffer has concentrated his academic efforts in the area of adult and post-secondary education and has become a respected international figure.

Nick Rawluk

Nick Rawluk joined the University in 1968 as a caretaker. His capabilities were recognized when he was promoted to Building Superintendent in 1971. In 1974 he transferred to the Millwright Shop, where he became a Maintenance Worker II, holding this position most ably until health reasons made it necessary for him to retire.

Don Reid

Mr. Reid was born and raised in Edmonton. Following his discharge from the Royal Canadian Air Force after World War II, Mr. Reid began his association with the University in 1948 as an employee of a mechanical contractor installing mechanical systems in several buildings. Mr. Reid began employment here in 1966 as a Controls Technician. At the time of his retirement, he held the position of Supervisor, Mechanical Section in the Building Maintenance Division of Physical Plant.

Robert Jackson Reid

A native of Belfast, Northern Ireland, Mr. Reid spent seven years in aircraft manufacturing there and another seven years managing his family's business, before emigrating to Canada. Settling in Edmonton, he worked for one firm for more than twenty years. In 1973 he joined the University, and his first appointment with Building Services was as Building Superintendent II. He was assigned to the Education Centre, and in 1976 was awarded honorary membership in the Education Students' Association—a rare honor. In 1979 he transferred to the Biological Sciences complex, where he remained until his retirement. Mr. Reid was instrumental in forming the Alberta Association for Children with Learning Disabilities, and also plays an active part in church affairs.

Paul Rolheiser

Born in Northern Saskatchewan, Mr. Rolheiser spent his early years farming. He joined the University in 1962 as Building Service Worker II, and was appointed Supervisor I in 1967, Supervisor II in 1968, Area Supervisor in 1969, and Building Superintendent II in 1972. In all these positions, Paul Rolheiser was known by his staff as a kind and considerate Supervisor. Interested in softball, and a passionate hockey

fan, he now lives with his wife, Eva, in the home they built near Lloydminster.

Edward Rose

Dr. Rose received his PhD from the University of Toronto. Appointed to the Department of English in 1958, he rose to the rank of Professor in 1968 and subsequently served as Chairman from 1971 to 1976. Dr. Rose's main areas of scholarship are 19th Century American literature and the British Romantic period. He has published extensively and is co-editor of a major scholarly edition of William Blake's *Night Thoughts*.

Joseph R. Royce

Dr. Royce was educated in the United States and received a PhD from the University of Chicago in 1951. Prior to coming to the University of Alberta in 1960 as Professor and first Head of the Department of Psychology, he served as an Aviation Psychologist for the U.S. Air Force during the war years and later, as Assistant and Associate Professor respectively, at Drake University and the University of Redlands. In addition to establishing the Department of Psychology, Dr. Royce also set up the Center for Advanced Study in Theoretical Psychology at this University. He has published and lectured around the globe. Always supported by research grants, Dr. Royce has sought to advance theory in psychology while conducting an active program of experimental research.

Willard N. Runquist

Dr. Runquist joined the Department of Psychology as an Associate Professor in 1962 and attained the rank of Professor in 1967. Born in Hollywood, California, he received a PhD from Northwestern University, Illinois, and has earned an international reputation in his area of study, verbal learning and memory. The author of a large number of scholarly papers, "Willie" Runquist has received research grants from a wide variety of sources. During his career, Dr. Runquist has supervised twenty-two Masters of Science and ten Doctors of Philosophy.

Melville Schachter

Dr. Schachter was born in Montreal where he took his undergraduate and graduate degrees in Biochemistry and Physiology in 1941 and 1942 at McGill University. His medical degrees (MD, CM) were obtained in 1946 at the same institution. After holding a position at Dalhousie as an Assistant Professor of Physiology from 1947 to 1950, Dr. Schachter moved to England, where he held appointments at the National Institute for Medical Research, the Lister Institute of Preventive Medicine and as Reader in the Department of Physiology at University College London. In 1965, Dr. Schachter came to this University as Professor and Head of our Department of Physiology. Dr. Schachter's interests and research in the field of autopharmacology are broad, and include problems of molecular evolution, comparative physiology and pathology. His studies also have a bearing on various clinical problems, including hypertension, cystic fibrosis and other diseases. In addition to his teaching and supervision of graduate students, Dr. Schachter has had many professional involvements both on campus and as a member of such entities as the National Committee of the Canadian Heart Foundation.

Doris Schuller

Doris Schuller retired in January after serving this University for more than nineteen years in both the Department of Movement Education and the Office of the Registrar. Following completion of Grade 12 at Victoria Composite High School, Doris took a program at the McTavish Business College and pursued a career as a secretary. She joined the Registrar's Office in 1978 and became a valued assistant in the business of admissions and school-college liaison. Though now retired and enjoying visits to the Schuller condominium in Hawaii, Doris keeps in close touch with her many campus friends.

Dorothy Simmons

Mrs. Simmons began work at the University in 1964 in the Department of Housing and Food Services, with her first assignment being the "Women's Residence". In November of 1972, Dorothy was promoted to the rank of Housing Worker III and in April of 1981, received another promotion to Assistant Housekeeper. Throughout the years of her employment, Dorothy has always been a most valued member of the University's staff.

William John Simpson

D r Simpson was born in Port Arthur, Ontario, and received his first postsecondary training as a teacher in North Bay. Changing his career direction after a few years, he was awarded the degree of Doctor of Dental Surgery by our University in 1950. After several years in private practice primarily in the field of Pedodontics, Dr. Simpson received his first appointment at this University in 1968 as Director of the Graduate Program in Pediatric Dentistry. Associated ever since with the University and hospitals in Edmonton, Dr. Simpson has also served in various other administrative capacities, most recently as Chairman of the Department of Dental Clinical Sciences. The recipient of several honors and awards, Dr. Simpson has published widely in his field of interest and has been a consultant to a number of agencies.

Elaine Smiley

Mrs. Smiley began employment at the University of Alberta Hospitals as a summer relief clerk typist in the Department of Radiology in 1967. After several years as a medical typist in the Medical Records Department, Elaine transferred to the University's Department of Surgery and a position as medical stenographer in the offices of Drs. Thurston and Yakimets. From 1972 to her retirement in 1985, Mrs. Smiley served as full-time secretary to Dr. Yakimets. Mrs. Smiley has always been appreciated for her cheery disposition and her desire to help others.

Alan Arthur Smith

Alan Smith graduated from the University of Toronto in 1951. He gained a Master of Music degree at his alma mater in 1956 and headed to make a Doctor of Musical Arts degree at O.A.S. in 1971. Dr. Smith was a high school teacher before joining the University of Alberta as an Assistant Professor in 1957. Dr. Smith, who attained the rank of Professor in 1974, held until his retirement a joint appointment in the Departments of Music and Secondary Education. As a result he has taught courses in both music and in music education. He is well known in the Edmonton community also for his music appreciation courses offered through the Faculty of Extension.

Ronald Edward Stephens

Dr. Stephens is an alumnus of this University who, like Dr. Smith, has maintained a keen, professional interest in music education having graduated also with Education and Music degrees from the University of Oregon. He has held the position of Professor in the Department of Elementary Education since 1975. Best known, perhaps, for being the conductor of the University of Alberta Mixed Chorus for over a decade, Dr. Stephens has also served as President of the Alberta Music Education Association and is a former member of the National Executive of the Canadian Music Association.

Lloyd G. Stephens-Newsham

Dr. Stephens-Newsham is retiring after twenty years of service, his rank for the past decade being that of Professor in the Faculty of Pharmacy and Pharmaceutical Sciences. During his career he has held a variety of positions in the Faculty and currently serves as Alternate Chairman of the SLOWPOKE Committee. (The SLOWPOKE nuclear reactor is a small research reactor. Dr. Stephens-Newsham is a licensed operator for the facility which, armed with a PhD in Nuclear Physics, he helped to establish.) Dr. Stephens-Newsham was educated at Saskatchewan and McGill and, through his early career at Dalhousie and McGill, held several cross appointments with

hospitals in Halifax and Montreal. He is well known as a consultant for the calibration of radiotherapy equipment, calculation of shielding and other radiological matters. In addition to his professional associations, Dr. Stephens-Newsham has an active interest in the history and culture of Celtic peoples. He has also served as President of the AASUA.

M.V. Subbarao

Mathukumalli Venkata Subbarao was born in India where he received Master of Arts, Master of Science, and doctoral degrees from Madras University. Dr. Subbarao's career has taken him to several Indian universities as well as the University of California and the University of Missouri. Professor Subbarao joined our University's Department of Mathematics in 1963, where he has been Professor since 1966. In addition to his over 110 scholarly papers, Dr. Subbarao was Editor of a special issue of the *Rocky Mountain Journal of Mathematics* which contained the Proceedings of the International Conference on Number Theory held in Edmonton in 1983. In that year also, Dr. Subbarao set up an annual award for an undergraduate student showing outstanding academic ability in number theory. Though retiring, Dr. Subbarao will continue his research, teaching and supervision of graduate students for some time.

Helmuth Sultanow

Joining the University in 1959 as a labourer, Helmuth Sultanow became a Maintenance Worker I in 1966, and was promoted to Maintenance Worker II in 1969. Throughout his career, Mr. Sultanow was recognized by colleagues and supervisors alike for his thorough performance in all phases of his work.

Nataraja Sundram

Born in India, Mr. Sundram worked for a number of years in the Customs section of the British Foreign Service in IndoChina. Emigrating to Canada in 1973 he lived first in Ottawa, then in Toronto, and it was only in 1980 that he saw the light and moved west to Alberta. He joined the University in 1981 and served Parking Services as Parking Attendant until his retirement in June 1985. His friendly nod and smile are much missed by early-morning parkers. Mr. Sundram plans to travel a great deal—particularly to the East—now that his time is his own.

Gordon Svendsen

Mr. Svendsen began his employment at the University of Alberta in January 1966. As a member of staff in the Maintenance Division of Physical Plant, Mr. Svendsen served his years as a Millwright until his retirement this year. During various periods, Mr. Svendsen also performed the duties of a Millwright Foreman.

John H. Terfloth

John Terfloth graduated from the University of Alberta in 1956 and subsequently took a Master of Fine Arts degree at Carnegie-Mellon University and a PhD at the University of Iowa. Dr. Terfloth joined our Department of Drama in 1966 where he established and provided direction to its graduate program. Not only has he directed scores of plays at the Studio Theatre and elsewhere, Dr. Terfloth has actively engaged in research into the theatre of the 18th and 19th Centuries. He is currently preparing a book on the evolution of modern theatre practice.

Franz H. Vitovec

Dr. Vitovec received his formal education in Austria, where he was awarded the degree of Doctor of Technical Sciences by the Technical University of Vienna in 1947 and the designation of "Docent for Engineering Materials" in 1951. Having then held several positions in his native country and the United States, Dr. Vitovec came to the University of Alberta in 1965. From 1971 to 1981, he administered the former Department of Mining and Metallurgy and the Department of Mineral Engineering. As a professional engineer, Dr. Vitovec was a member of APEGGA's examining board during the same decade. Dr. Vitovec is an acclaimed scholar whose work has

had far-reaching consequences, especially in his contributions to the development of heat resistant alloys and fatigue research.

Douglas Way-Nee

Mr. Way-Nee retired from the Department of Electrical Engineering last Fall, after being employed there for sixteen years mostly as Senior Electronics Supervisor. Mr. Way-Nee, as an expert on laser systems and materials, was one of the most senior technical personnel on campus. He was recruited from the National Research Council's highly active Laser Group. Before working for the NRC, Mr. Way-Nee was employed by the Defence Research Board. Doug has spent much of his stay at the University working on pulsed laser systems with Dr. Offenberger and, in the last few years with Drs. Dale and Smy on the use of lasers in combustion research. It was Mr. Way-Nee's expertise in design and construction that allowed Dale and Smy to operate a conventional internal combustion engine using a laser rather than spark ignition. Although Mr. Way-Nee will be missed by his colleagues on campus, he will be active in Edmonton since he has now joined General Research Systems, a local laser enterprise.

Stan Witaszyk

Mr. Witaszyk was born and educated in Poland. After immigration, he was employed as a miner with the Eldorado Mining Company and the Noralda Mine. Mr. Witaszyk joined the University's staff in 1967. When he retired, he held the position of Building Services Worker II in the Department of Physical Plant. We wish Mr. Witaszyk and his wife, Helena, a long and happy retirement.

Harry Wohlfarth

Professor Wohlfarth studied at the Art Academy of Dresden and completed postgraduate studies in Salzburg under the direction of Oscar Kokschka. He graduated with a Master's degree in Fine Arts from the State University of Guanajuato, Mexico, and, in 1962, received an honorary doctorate from the Roman Academy of Arts and Sciences. Professor Wohlfarth teaches in the Faculty of Extension and is most well known for his research into the interaction of color and the nervous system. He has been guest professor at several European universities and has works

represented in major public and private collections around the world, in India, the Soviet Union, Italy and other countries in Europe, and in North America. Professor Wohlfarth is a recipient of both the Alberta Achievement Award and the City of Edmonton Creative Arts Achievement Award.

Freeman Wurtz

Mr. Wurtz has been at our University since 1968 after working several years in the chemical and petroleum industry. Mr. Wurtz was qualified in the Pipe trades and held, at that time, a Third Class Steam Engineer's ticket. Mr. Wurtz was an original member of what is now the Mechanical Utilities Division of Physical Plant and was present during the trying years of construction of the Services Corridor. To a very great degree, it was his ingenuity that enabled services to buildings to continue during this time. At the time of his retirement, Mr. Wurtz held the position of Supervisor, Steam and Gas Distribution System.

Nick Yakowich

After completing his public school education in the Waugh district of Alberta, Nick Yakowich attended Chicago Vocational School. Later, when the first company he worked for had to shut up shop, and the second one laid him off because business was slack, Mr. Yakowich decided the University was the place for him. Joining as Building Service Worker in 1963, he was soon known for arriving at work half an hour early each day. As a result of various disabilities, he was placed on long term disability insurance in 1982. He retired in 1985.

Saul Zalik

Dr. Zalik was born in Saskatchewan and was educated at the University of Manitoba and Purdue University, Indiana. After brief employment at the University of Manitoba, he came to our University's Department of Plant Science in 1952 as an Assistant Professor. In 1964, Dr. Zalik gained the rank of Professor. Throughout his career, Dr. Zalik has actively engaged in research and has served as Visiting Scientist in places as far apart as Israel and Great Britain. In addition to serving on a variety of University committees, Dr. Zalik has also been President of the Canadian Society of Plant Physiology and has served on the executive of the Biological Council of Canada.



Activities

W.H.O. Schmidt, Professor Emeritus, Educational Psychology, attended the inaugural conference of the Center for Advanced Studies in Humanist Social Science, which was held at Waterloo, 4 to 6 May. The conference had as its theme: "Basic Principles for Social Science in Our Time." Dr. Schmidt was invited because his continuing research on William Stern was seen as relevant to the issues being raised in social sciences today . . . **James Marsh**, editor-in-chief of *The Canadian Encyclopedia*, has been awarded a \$5,000 prize for excellence in publishing. The prize pertains to the federal government's Prizes for Excellence in Canadian Studies Program established in 1984 . . . The Institute of Law Research and Reform has published a research paper titled "The Operation of the Unsecured Creditors' Remedies System in Alberta" . . . Computing Science's **John J. Wilson** was one of three Canadians accepted to an invitation-only-conference on Special Education Software in Washington, D.C., 18 to 20 May.

Lip Reading or Sign Language: Which Route for the Deaf?

"Oralists" disapprove strongly of sign language, and believe the deaf should learn to communicate through lip reading and speech. "Total communicators" don't agree.

A controversy rages round the education of the deaf.

Should the deaf be taught lip reading and speech only?

Or should they learn sign language first?

A specialist in deafness studies at the University of Alberta takes a firm stand for sign language first. "Deaf children should learn sign language before any attempt is made to teach them speech or lip reading," says Michael Rodda.

Ranged equally firmly on the other side of the argument are the "oralists" who for 100 years or more have rejected sign language, and insist that teaching the deaf to speak and lip read is the way to integrate them into society and give them meaningful lives.

But oralists, in Dr. Rodda's view, are simply imposing another handicap on those already handicapped. "Lip reading is known to be an ineffective and inefficient way of communicating," he says. "It seems wholly unreasonable for the hearing community to try to impose oralism on the deaf community, simply because most hearing people cannot understand the language of the deaf—American Sign Language."

American Sign Language (there are equivalents in other languages) is a language in itself, with words and grammar of its own, and a history that goes back at least to the 18th century (although long before then the deaf were communicating with signs). It is as fast and effective

a way of communicating as is speech for the hearing. (While a manual alphabet for the deaf enables words to be finger spelled, much more information can be communicated faster in American Sign Language.)

Rodda's studies show that good signers are also better speakers, and there is evidence that deaf children who learn sign language early have improved language, social, and even oral, skills. He is convinced that "total communication" should be the approach in educating the deaf.

"What the deaf really need," he says, "is to be bilingual. Their first language should be American Sign Language. Then they need to learn English as a second language so that they can read and write. And after that, all deaf students should be given the opportunity to try to learn speech."

Rodda points out that deaf people themselves (when anyone bothers to consult them) tend to favor using all channels of communication, manual and oral. They recognize the value of speech and lip reading as a method of communication, but they dispute the use of this method of communication to the exclusion of all others.

Deafness is the invisible handicap.

Ten percent of the population has some kind of hearing impairment (either they are hard of hearing or they are deaf), and more people are totally deaf than are legally blind. Two children in 1,000 are born deaf or become deaf before age 18; and one child in 700 will be deaf before the age of three (that is, before learning language). On the other hand, only one child in 2,000 will become blind before the age of five.

In the older population, one of every two people over 65 has a hearing problem; and by age 75, one out of five is deaf.

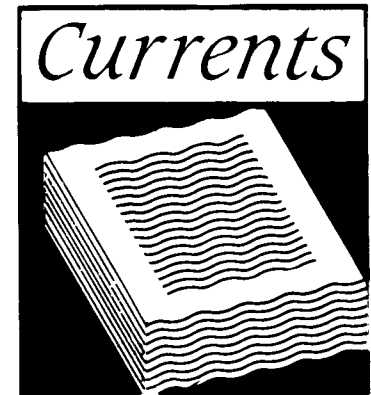
Rodda's extensive research on deafness and the literature on deafness, carried out with researcher Carl Grove in Britain, has been crystallized in a book, *Language, Cognition and Deafness*, to be published later this year by Lawrence Erlbaum in the U.S.

"This is the first book that has actually looked at American Sign Language in a conceptual, cognitive, educational sense, and at the place of American Sign Language in the education system of the deaf," Rodda says. "Most books on deafness never address that question and much of the research on deafness is presently ignored. This book is intended to precipitate discussion among policy makers and administrators about the education of deaf children."

Rodda (who is also coordinator of the recently established Western Canadian Centre of Specialization in Deafness), with colleagues Grove and Frances O'Sullivan, has also devised a unique test for assessing deaf students' understanding of concepts. This is the first test of language ever devised to be given in spoken English, written English, or in sign language, and still be valid.

To research and understand the problems of living with deafness, it is hoped to establish a Chair in Deafness Studies at the University of Alberta. An amount of \$500,000 has already been set aside for this purpose by the Office of the Secretary of State. Now matching funds need to be raised. *□

**This article originally appeared in Research Report, an Office of Public Affairs-produced file of features and story leads for members of the media and freelance writers.*



FSIDA Deadlines Ironclad

The Advisory Committee for the Fund for Support of International Development Activities, at its last meeting on 6 May, unanimously agreed that effective immediately all deadlines for submissions of project proposals will be strictly enforced. No exceptions will be permitted.

The deadlines for submissions of project proposals to the Fund are: 15 October, 15 January and 15 April.

Financial Assistance for Academic Conferences

The Conference Fund of the University may provide modest up-front financial assistance for conferences, conventions or symposia of an academic nature, if sponsored by the University, its departments or student organizations. Such conferences must be held in Alberta.

For further information and application forms, contact the Chair of the GFC Conference Funds Committee: B.J. Busch, Humanities and Social Sciences Library, Rutherford North. Telephone: 432-3794.

Colombian Volcano Relief

The Colombian Volcano Relief Society of Edmonton invites everyone to attend the première showing of "Colombia: Emerald Between Two Oceans." The multi-image production, created by Edmonton professional writer-photographer Peter Becker, will be shown at Victoria Composite Auditorium 8 June at 7 p.m.

Tickets (adults, \$5; students and seniors, \$2.50) at BASS outlets and the door. Proceeds will go to the volcano survivors.

Retirement Reception for L. Stephens-Newsham

There will be an informal reception for L. Stephens-Newsham, Faculty of Pharmacy and Pharmaceutical Sciences, on 6 June from 4 to 6 p.m. It will be on the fourth floor of the Dentistry-Pharmacy Centre (room 4085).

All friends and University staff who have worked with Dr. Stephens-Newsham over the years are invited to attend.

Business Students' Study Habits Exemplary

Seventeen students in the Faculty of Business were honored for their academic achievements on 2 June.

The annual Undergraduates Awards Ceremony in the Stollery Executive Development Centre honors students who attain high over-all grade averages at the completion of each year. This year, four students received more than one award.

The only graduating student is Michael Grant of Edmonton. Grant, who graduated at the top of his class, was awarded the 1986 Highest Honor Award in Business and the 1986 Financial Executives Institute Silver Medal in Finance. He

completed his BCom degree, magna cum laude, specializing in marketing and finance. Grant is currently pursuing a job in the business world, but has his sights set on the Pacific Rim countries and learning the Chinese language.

Dyan Triffo, also from Edmonton, is entering her third year in the Faculty of Business. She was honored with three awards, one being the Lennie M. McNeill Memorial Prize presented to a woman student of outstanding merit. Triffo will spend her summer working in a bank in West Germany and would like eventually to go into law.

Double award winners were Deanna Campbell and William Lim. Both received the Board of Governors Prize and the Luscar Ltd. Scholarship in Business.

Other recipients of awards were: Jody Balko, Pamela Classen, Alain Magnan, Karen Lerohl, Susan Dillabaugh, Jeff Scarlett, Bruce Geiger, Joseph Ostermann, Jeffery Mehr, Janet Irven, Judy Au, Anna Biasutto and John Wilson.

The awards, which total more than \$12,000 in scholarship monies, were presented by Dean Roger Smith. □

FSIDA Funds More Projects

The Alberta Agency for International Development recently provided matching grants to the Fund for Support of International Development Activities (FSIDA) for six projects.



CEIC Funds Information Series

Adults with disabilities encounter difficulty entering the work force, even when they are qualified for jobs. This occurs in part because employers and other community members are unsure about the implications of disability itself in the workplace.

A grant of \$5,000 was made recently by Canada Employment and Immigration (CEIC) to Steven Dennis and Thomas Ebert, Honorary Assistant Professors in the Faculty of Rehabilitation Medicine. The grant was used to survey employers, employment agencies and vocational training centres in Alberta to determine the concerns of employers about hiring people with mental disabilities, and to prepare an information booklet called "Hiring Adults Who Have an Intellectual Impairment: A Guide for Employers." The booklet provides information about intellectual impairment and deals with the concerns expressed by employers about issues such as safety, liability, interpersonal skills and supervision.

The Disabled Persons Employment Directorate, a division of CEIC, is attempting to have similar documents prepared for other types of disabilities. No publication date has been announced.

Steven Dennis is Vice-President of Research and Thomas Ebert is President of Western Industrial Research and Training Centre. □

Blood, Sweat and Gears

A section of tunnel will be constructed from the Blood Tunnage Building to Corbett Hall to accommodate and upgrade utility services to Corbett Hall. Construction will begin on or about 9 June and should be completed by 15 September. □

All allocations, with the exception of the grant to Amy Zelmer, are retained by FSIDA for redistribution to other approved development projects. In Dr. Zelmer's case, she is the project facilitator and the money is to be used to support and expand the particular project.

Dr. Zelmer's program, which concerns the enrichment of Bangladesh libraries, received \$4,683. In another project involving libraries, Robin Inskip (Library Science) was awarded a matching grant in the amount of \$4,957 for the transferring of library material to Bayero University in Kano, Nigeria. A study of the population redistribution in China by L. A. Kosinski (Geography) received \$2,972, and Keith Briggs (Plant Science) was given \$1,500 for his visit to a crop research institution in Kenya. Y. Zia (Computing Services), who will visit the Chinese University to investigate computer usage, was given \$863. Carl Urion (Educational Foundations) is instructing secondary level teachers in Belize. He was given a matching grant of \$1,728. □

Talks

Chemistry

6 June, 11 a.m. Barbara Blackwell, Director, Nuclear Magnetic Resonance Facility, Chemistry and Biology Research Institute, Agriculture Canada, "Biosynthetic Studies of the Secondary Metabolites from *Fusarium Fungi*." E3-25 Chemistry Building.

Electrical Engineering

24 June, 3:30 p.m. Serge Luryi, AT&T Bell Laboratories, Murray Hill, "Germanium-Silicon Infrared Photodetector on a Silicon Chip." 436 Electrical Engineering Building.

The Arts

Ring House Gallery

Until 29 June. "Against Great Odds—Posters of Nicaragua"—82 posters from and about Nicaragua tell the story of the Sandinista revolution in 1979. Until 29 June. "Jacques Hnizdovsky—Woodcuts and Linocuts"—24 woodcuts and linocuts by the Ukrainian-born artist.

Bruce Peel Special Collections Library

Until 31 July. "Publishers' Bookbindings in Cloth: Some Pictorial and Geometric Designs." Open Monday to Friday, 8:30 a.m. to 4:30 p.m. B-7 Rutherford South.

Studio Theatre

Until 14 June. "Waiting for Godot." 432-2495.

SUB Theatre

7 June, 7 p.m. The Ukrainian Cheremosh Society presents "Cheremshyna and Friends." 482-5506. 13 to 21 June, 8 p.m. The Ensemble for Lyrical Operetta Productions, Edmonton, presents "Oklahoma!" by Rodgers and Hammerstein. Tickets available at BASS. Further information: 436-2047.

Edmonton Film Society

9 June, 8 p.m. British Film Classics, "A Notorious Gentleman" (1945). 16 June, 8 p.m. "The Browning Version" (1951).

Positions

The University of Alberta is committed to the principle of equal opportunity in employment and encourages applications from all qualified people.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Academic

Assistant Professor, Term Appointment, Visual Arts Program, Faculty of Extension

Applications are invited for a term appointment at the Assistant Professor level in the Faculty's Visual Arts Program. The term of the appointment is 1 September 1986 to 31 August 1987, with an option for a one-year renewal. The salary range is \$31,612 to \$40,192.

The Visual Arts Program encompasses a wide range of university level non-credit art courses at the basic, intermediate and advanced levels. The program attracts about 2,000 registrants annually and is supported by three additional academic staff and one program assistant.

Responsibilities include teaching (primarily in drawing and painting; secondarily in printmaking) and participating in program development and administration in conjunction with other members of the Visual Arts Committee.

Candidates should have an MFA or a suitable combination of education and experience, and at least three years' experience in adult education. A substantial record of exhibition is also required.

Appointment date: 1 September 1986. A letter of application, curriculum vitae, and the names and addresses of three references should be sent before 30 June to: Dr. D. Foth, Dean, Faculty of Extension, University of Alberta, 220 Corbett Hall, Edmonton, Alberta T6G 2G4.

Non-Academic

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. These vacancies cannot be guaranteed beyond the date of publication.

Clerk Typist II, Physiology, (\$1,190-\$1,478)
Senior Clerk, Physical Plant—Parking Services, (\$1,190-\$1,478)

Clerk Steno III, Instructional Technology Centre, (\$1,326-\$1,666)
Clerk Steno III, Dean of Education, (\$1,326-\$1,666)
Clerk Steno III, International Briefing Centre, (\$1,326-\$1,666)
Clerk Steno III, Sociology, (\$1,326-\$1,666)
Clerk Steno III, Physiology, (\$1,326-\$1,666)
Clerk Typist III (Receptionist), Student Counselling Services, (\$1,326-\$1,666)
Senior Financial Records Clerk, Chemical Engineering, (\$1,326-\$1,666)
Data Entry Operator II (Part-Time Term), Educational Research Services, (\$686-\$870)
Accounts Clerk, Home Economics, (\$1,478-\$1,888)
Payroll Clerk, Office of the Comptroller, (\$1,478-\$1,888)
Administrative Clerk, Faculty of Extension, (\$1,478-\$1,888)
Executive Secretary (Trust, Term to 31 December 1986), R.S. McLaughlin Examination and Research Centre, (\$1,666-\$2,144)
Executive Secretary, Personnel Services and Staff Relations, (\$1,666-\$2,144)
Publications Assistant II (Trust, Part-time, 20 hours/week), Medical Publications, (\$952-\$1,225)
Technologist I (Part-Time, Recurring), Zoology, (\$1,340-\$1,730)
Field Technician, Soil Science, (\$1,534-\$1,968)
Technician I (Term/Trust), Medical Microbiology, (\$1,534-\$2,237)
Audiovisual Technician I/II, Instructional Technology Centre, (\$1,534-\$2,237)
Evaluator I/II, Office of the Registrar, (\$1,666-\$2,548)
Animal Technician II, Medical Microbiology, (\$1,739-\$2,237)
Programmer Analyst II, Computing Services, (\$2,237-\$2,905)

For vacant Library positions, please contact the Library Personnel Office, Basement, Cameron Library, 432-3339.

Manager, Mechanical Systems

The Utilities Division of the Department of Physical Plant is seeking a resourceful and cooperative manager for facilities consisting of the production of 25,000 tons of chilling and the distribution system for steam, condensate, demineralized water, domestic water, chilled water, air and sewage.

We require a professional engineer (eligible for APEGGA membership) with extensive experience in the operation and maintenance of large industrial or institutional utility systems. Preferred experience includes monitoring, control and distributed instrumentation systems, computer applications and environmental issues.

Salary range under the 1986-87 APO scale is \$35,051 to \$52,583 a year.

Further information is available from and applications should be directed to: R.A. Jackson, Personnel Administrator, Department of Physical Plant, 563 General Services Building, University of Alberta, Edmonton, Alberta T6G 2H1. Telephone: 432-3387.

Advertisements

Accommodations available

Rent - Three large rooms, kitchenette, three-piece bathroom. Separate entrance, ground level. Country setting. Fifteen minutes from University. 434-6022.

For sale or long-term lease - Pigeon Lake. New three-bedroom natural log house. Double treed lot at Johnsonia Beach, one-hour drive from Edmonton. Phone 435-8467.

Sale - Windsor Park. Immaculate. Larger than it looks. Cozy home. Well maintained. Well developed. Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Grandview. Limited edition—custom-built. Immaculate, spacious. Very bright enjoyable home. Double attached garage. Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Riverbend. Attractive home—bright and sunny. Good location. Only \$134,900. Call Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Lakefront. Wabamun—year-round cottage. Private beach. Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Riverfront—Saskatchewan River, south shore. Call for details. Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Open house. Sunday 1-5 p.m., 8 June. Acre lots. Westpoint. Go 156 Street south to Ellerslie Road, west to 181 Street. Come to motorhome. Chris Tenove, 433-5664, 436-5250. Spencer's.

For sale - \$134,900. Riverbend, two-storey, four-bedroom home. Centre hall plan, south fenced garden, deck, family room, fireplace, attached garage. Eleanor Duncan, Royal LePage. 434-7368, 438-4700.

Rent - August/1 September 1986-31 August 1987. Comfortable three-bedroom sabbatical house. Garage, fenced. Furnished or part-furnished. 11220 94 St. \$450/month. (514) 937-7895 (collect).

Rent - 1 July. Grandview executive four-bedroom house, five appliances. No pets. 436-3025. 16-17 June or (604) 327-7613 evenings now.

Rent - Bachelor suite, second floor, non-smoker. 432-9538.

For sale - \$79,900. Crestwood three-bedroom bungalow—attractively decorated, double garage, close to schools, shopping, bus. Eleanor Duncan, Royal LePage. 434-7368, 438-4700.

Sale - Immaculate, charming bungalow close to University. Garage, deck, \$66,900. Jiri, 459-7829, 483-1255, Johnston's.

Sale by owner - Lendrum. Classy, spacious, quiet, private split-level. Tiled kitchen/bathroom, hardwood floors, French doors, etc. Minutes from University, stores, schools, etc. Asking \$115,000. 435-2828.

Sale - Parkallen bungalow, low maintenance home. Two brick fireplaces, convenient to downtown and University. Working kitchen and large pantry. Two baths, garage. \$88,900. Call Larry or Pat at ReMax, 464-4100.

For sale - Riverbend. Across from the park, eight-room home. Fireplace, south garden, deck, double garage, under \$135,000. Eleanor Duncan, Royal LePage. 434-7368, 438-4700.

Sale by owner - Millcreek Ravine, minutes from University. Comfortable, renovated, three-bedroom, two-level home. New furnace and fenced, mature landscaping. Tree-lined boulevard. Garage. Assumable mortgage at 10 3/4%. Louis, 433-3262.

For sale - Belgravia bungalow. 1,360 square feet, lovely treed yard. Walk to University. Bright, sunny family home. Call Deanna, 432-2692 (office) or after 5 p.m. at home, 437-2660.

For rent - Three-bedroom house, furnished. End June to mid-August. \$100 per week, including utilities. Close University. Families. Non-smokers preferred. 436-3112.

Rent - August onwards, pleasant four-bedroom bungalow near campus, shops, schools. \$750/month. 435-0155.

Sale - Garneau bungalow, excellent condition. New kitchen, hardwood floors, finished basement, forced-air furnace. 433-1096 after 4.

Rent - Four bedroom. Two main, two basement with garage. 11435 80 Avenue. \$600/month. 437-2718.

Accommodations wanted

Professor wants to lease furnished/unfurnished study leave home near campus. July/August for approximately one year. 436-2627, 432-5188.

Writer-in-Residence, 1986-87, needs furnished house, apartment, near University. Scrupulous with furnishings. Ray Smith, 11 Burton

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Automobiles and others

1969 Chevrolet Camper Special pickup. 41,000 highway miles. Automatic, air, overload springs. Mint interior and trim. Original paint. Asking one-third replacement cost: \$4,970. 432-2867, 435-6849.

1973 Volvo 164E sedan. 125,000 miles. Over \$6,000 spent in 1983, including extensive engine, paint and interior restoration. Good looking, reliable, peppy, rustfree, comfortable. Asking \$3,970. 432-2867, 435-6849.

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JUNE 16 - AUGUST 29, 1986

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